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| |  | | --- | | **Ahmad Abu-Al-Aish**  **Assistant Professor** | | **Citizenship:Jordanian**  **Date of birth:08/09/1980** |  |  | | --- | | **Contact** | | **JO Tel :+962-778574855**  **e-mail :** [**ahmad.abualaish@gmail.com**](mailto:ahmad.abualaish@gmail.com)  **Google scholar citation:<https://scholar.google.com/citations?user=3kcree4AAAAJ&hl=en&oi=ao>** | | **G:\DSC_0052.jpg** |
| |  | | --- | | **Address** | | **Dept. of Computer science**  **Jerash University**  **Jerash, Jordan**  **Office: 711 IT Building** | | |
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| |  | | --- | | **Key Skills** | | **Proficient or familiar with a vast array of programming languages, concepts and technologies, including:**   |  |  | | --- | --- | | 1. **SPSS** 2. **Microsoft office** 3. **Windows** | 1. **C++** 2. **MATLAB** 3. **Minitab** | | | |
| |  | | --- | | **Education** | | **2010 –2014 School of Information Systems, Computing and Mathematics.**  **Brunel University, London, UK.**  **Ph.D. (Computer Science): *Toward Mobile Learning Deployment in Higher Education.* Supervised by Dr Steve Love.**   * **The outcomes of the research lead to a conceptual model that gives a wide overview of all elements that need to be addressed in the m-learning environment.** * **The model bridges the gap between the pre- and post-implementation phases in order to ensure sustainability. In addition, the model provides university educators with a planned approach to incorporate m-learning in higher education curriculums with the aim of improving teaching and learning.**   **2008- 2009 London School of Business and Computing, London, UK**  **Certificate in Information Technology.**  **2004 -2007 Department of Mathematics, Al al-Bayt University, Jordan**  **M.Sc., in Mathematics, Specializing in Mathematical Statistics.**  **Dissertation Title: *A Comparison of Unbiased Ridge Regression Method with Principal Components Regression Method using Simulation Technique.***  **1998–2002 Department of Mathematics, Jordan University of Science and Technology , Jordan**  **BSc Mathematics, including courses in Applied Mathematics, Operation research, Statistics and programming languages.**  **Total of credit hours passed: 130, Overall Average 70%.** | | |
| |  | | --- | | **Work Experience** | | **Jerash University /Jordan 2015-now**  Assistant professor in Computer Science | | **Saudi Students Club, UK 2010-2012**  General Teacher | | **Ministry of Education, Jordan. 2002 - 2007**  Mathematics Teacher | |  | | |
| |  | | --- | | **Research interest** | | Mobile and electronic learning systems for higher education, Mobile learning acceptance, Educational quality of services monitoring, mobile technologies to support learning and teaching mathematics, Metaheuristics and Combinatorial Optimizationandsocial data analysis. | | **Research statement** | | Since 2015 I have been an assistant professor in Jerash University Department of Computer Science. My training is in mobile learning and how to implement it in higher education (Ph.D. in Computer Science, Brunel University, 2014). I designed models for early acceptance and deployment of mobile learning as a next step of e-learning in universities settings, I have also worked on a prototype for Ubiquitous and Collaborative mobile learning. Furthermore, I have done research in Combinatorial Optimization using Metaheuristics.  **Current and Future work:**  Currently I am working on a research which explores the design considerations for developed mobile learning applications which would improve teaching and learning methods. Based on students’ feedback, a machine learning algorithm will be applied to analysis the useful results.  In the next two years I am planning to start a project in mobile learning based on cloud computing, I will investigate cloud computing services in mobile learning process: challenges, requirements and benefits. | | **Publications /Conferences** | | |  | | --- | | Alnabhan, M., Abu-Al-Aish, A. (2014). M-learning QoS Measurement Model: A Context Adaption Approach. In Proceeding of the ICCESEN, October 25-29. Antalya, Turkey | | | **Publications /Journals** | | 1.Abu-Al-Aish, A., Love, S. and Hunaiti, Z. (2012). Mathematics Students’ Readiness for Mobile Learning. *International Journal of Mobile and Blending Learning*, 4(4), 1-20.2.Abu-Al-Aish, A., Love, S.(2013). Factors Influencing Students Acceptance for m- learning: An Investigation in Higher Education. *The International Review of Research in Open and Distance Learning*, 14(5), 82-107.3.Abu-Al-Aish, A., Love, S., Hunaiti, Z. and Al-masaeed, S. (2013). Toward A Sustainable Deployment of M-learning in Higher Education. *International Journal of Mobile Learning and Organization*. 7(3/4), 253-276.4.Al-Marashdeh,I., Jaradat, G., Ayob, M., Abu-Al-Aish, A., Al-Smadi, M.( 2018). An Elite pool-based Big Bang-Big Crunch metaheuristic for Data Clustering. *Journal of Computer Science*. 14 (12), 1611-1626.5.Alnabhan, M., Abu-Al-Aish, A., Al-masaeed, S.(2018). Collaborative and Ubiquitous Mobile Learning System Prototype. *International Journal of Computer applications in Technology*. 58 (4), 296- 307. | | **Funding and support** | | **1- Research Scholar (Jerash university). 2107-2018.** | | **Teaching and course development** | | **Teaching interest:**  Mathematics courses, statistics Courses, Computation theory, Algorithms, projects management. Human Computer interaction.  **Course Development & Revision:**  A comprehensive revision of each of the following courses was made. Each course was standardized and adjusted with its prerequisites to fit into the new undergraduate catalog:  - Linear algebra using Computer.  - Operation Research.  **Courses taught:**   1. Linear algebra using Computer. 2. Introduction to information technology. 3. C++ Programming, 4. Computer skills. 5. Fundamentals of E-commerce. 6. Human computer interaction. 7. OperationResearch. 8. Computation theory 9. Analysis and design of algorithms. 10. Discrete mathematics. 11. Software project management. | | |
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| **University and Community Service** |
| **1. Departmental Quality Assurance Committee, 2017- now.**  **2. Departmental Social Committee, 2015- now.**  **3. Member of Scientific Research Committee, 2016- now.**  **4. Strategic Planning, Jerash University, 2015-2017**  **4. The 4th Annual Symposium for Information Technology Students in Jordan,**  **Jerash University. 2018** |